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1957

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# annual inspection trip

by SENIOR ENGINEERING STUDENTS

*College of Engineering*

UNIVERSITY OF ILLINOIS  
URBANA, ILLINOIS 1957



ITINERARY

**Annual  
Inspection Trip  
of the**

*College of Engineering*

UNIVERSITY OF ILLINOIS

URBANA, ILLINOIS, 1957

## **CURRICULA OF THE COLLEGE OF ENGINEERING**

The curricula offered by the College of Engineering at the University of Illinois include the following:

**Aeronautical Engineering**

**Agricultural Engineering**

**Ceramic Engineering**

**Chemical Engineering**

Administered in College of  
Liberal Arts and Sciences

**Civil Engineering**

**Electrical Engineering**

**Engineering Physics**

**General Engineering**

**Industrial Engineering**

**Mechanical Engineering**

**Metallurgical Engineering**

**Mining Engineering**

**Sanitary Engineering**

Graduate work leading to a Master's degree is offered in a wide variety of engineering subjects. The Doctor's degree may be earned in the major fields.

# **ANNUAL INSPECTION TRIP**

**College of Engineering**

**University of Illinois**

## **General Directions**

### **BE PROMPT**

All members of the party are required to report promptly at the appointed time and place. Instructors will call the roll at each place visited, and any student absent from roll call will not be permitted to join the party until time for the next event on the itinerary. Absence from roll call is sufficient justification for the dismissal of the student from the party and for reporting him to the proper authorities at the University.

### **BE COURTEOUS**

Permission to visit the several places listed in the itinerary is a courtesy extended to the University which involves some expense and trouble to the management of these companies. Members of the party should be appreciative of this fact and conduct themselves properly as representatives of the University. It is particularly desirable that everyone refrain from smoking within the confines of the plants visited and that all fully observe posted regulations.

### **BE CAREFUL**

While members of the faculty who are in immediate charge of these trips will make every effort to provide for the comfort and safety of the students in the party, there is, of course, some slight element of personal danger on railway trains, buses, street cars and in plants visited. Neither the owners of the plants visited,

the University, nor members of the faculty can assume any responsibility for accidents which may occur to students during the trip. Proper care and deportment at all times will greatly reduce the possibility of accidents.

### **BE OBSERVING**

Inspection trips are required because it is believed that the educational advantages resulting from the inspection of large industrial enterprises fully justify the time and expense involved. To realize this ideal, however, students must use every endeavor to secure a correct impression of the places visited, an appreciation of the general nature of the plant inspected and of its product, rather than of minor details.

## **Acknowledgment**

Inspection trips of this nature would be impossible without the generous cooperation of American industry.

The students, faculty, and administration of the College of Engineering wish to thank the companies visited during the 1957 trip.

# Aeronautical Engineering

## THURSDAY, OCTOBER 24

- 1:00 P.M. Leave Aeronautical Laboratory A.  
7:30 P.M. Arrive at Hotel Melbourne, St. Louis.

## FRIDAY, OCTOBER 25

- 9:15 A.M. Leave Hotel Melbourne.  
10:00 A.M. Arrive main entrance to the Administration Building of the McDonnell Aircraft Corporation.  
12:00 M. Lunch at McDonnell Aircraft Corporation.  
5:30 P.M. Dinner at Holiday Inn as guests of McDonnell Aircraft Corporation.  
8:00 P.M. Leave for Urbana.  
1:00 A.M. Arrive in Urbana.

## Faculty

- |              |            |
|--------------|------------|
| H. H. Hilton | C. Waddell |
| R. W. McCloy | S. M. Yen  |

## Seniors

- |                   |                   |
|-------------------|-------------------|
| Abelkis, P. R.    | Johnston, R. A.   |
| Adams, C. E.      | Kinder, L. L.     |
| Astrowski, R. M.  | Kipfer, C. A.     |
| Beck, W. E.       | Kugler, K. D.     |
| Bellman, R. H.    | Levin, G. A.      |
| Blumenfeld, R. M. | Lundry, J. L.     |
| Brewer, R. C.     | Marszalk, S. C.   |
| Campbell, R. E.   | Martin, J. T.     |
| Carleton, W. E.   | Moore, J. S.      |
| Carlson, R. E.    | Naujokas, J. A.   |
| Chenoweth, D. R.  | Nelson, W. G.     |
| Cioth, N. S.      | Nowak, W. D.      |
| Culver, A. C.     | Plog, L. A.       |
| Dickson, E. N.    | Schroeder, R. G.  |
| Fross, R. W.      | Schwegman, B. J.  |
| Gaganidze, T. P.  | Sentman, L. H.    |
| Gaskins, P. T.    | Swiecki, T. E.    |
| Goldberg, D. R.   | Thomas, J. N.     |
| Gordon, D. T.     | Torosian, A.      |
| Grams, K. E.      | Uhalt, A. H.      |
| Hanlon, W. H.     | Vanzytveld, P. J. |
| Harper, J. L.     | Walsh, E. L.      |
| Heiberger, F. S.  | Warshaw, M.       |
| Hersh, A. S.      | Whipkey, R. R.    |
| Hill, R. J.       | Winn, C. B.       |
| James, W. R.      | Wolny, W.         |
| Jamison, T. T.    | Zdebski, J. H.    |
| Johnson, N.       | Zuppan, L. L.     |

# Agricultural Engineering

## WEDNESDAY, OCTOBER 23

- 6:45 A.M. Leave Agricultural Engineering Building.  
11:00 A.M. Visit Rockford Works, J. I. Case Company, Rockford, Illinois.  
12:30 P.M. Lunch as guests of J. I. Case Co.  
1:30 P.M. Continue tour J. I. Case Company.  
5:00 P.M. Leave for Faust Hotel, Rockford.

## THURSDAY, OCTOBER 24

- 7:00 A.M. Assemble for breakfast.  
7:45 A.M. Leave for Belvidere, Illinois.  
8:30 A.M. Visit Harvey Newport Farm, Belvidere, Illinois.  
10:00 A.M. Leave for Harvard, Illinois.  
10:30 A.M. Visit Starline, Incorporated, Harvard, Illinois.  
12:00 M. Lunch as guests of Starline, Inc.  
1:00 P.M. Continue tour of Starline Incorporated.  
2:15 P.M. Leave for Crystal Lake, Illinois.  
3:00 P.M. Visit American Crop Drying Equipment Company, Crystal Lake, Illinois.  
5:00 P.M. Leave for Hotel Baker, St. Charles, Illinois.

## FRIDAY, OCTOBER 25

- 7:00 A.M. Assemble for breakfast.  
7:45 A.M. Leave for Dundee, Illinois.  
8:30 A.M. Visit D. Hill Nursery, Dundee, Illinois.  
11:00 A.M. Leave for Skokie, Illinois.  
12:00 M. Lunch.  
1:00 P.M. Visit Research Laboratory, Portland Cement Association, Skokie, Illinois.  
4:00 P.M. Leave for Urbana.

## Faculty

B. A. Jones      F. B. Lanham      A. J. Muehling      R. M. Peart

## Graduate Student

Swamy Rao, A.A.

## Seniors

Allen, J. B.	Dietz, R. L.	McMunn, J. C.
Auchstetter, H. J.	Gastel, J. F.	Pigg, D. L.
Bolhous, P. R.	Hogendobler, C. K.	Roll, W. M.
Carver, R. C.	Holt, R. C.	Smith, D. W.
Chamberlain, N. C.	Huelsman, C. E.	Stone, K. E.



# Ceramic Engineering

## SUNDAY, OCTOBER 20

- 6:30 P.M. Assemble in front of Ceramics Building. Leave by car for Galesburg, Illinois.
- 10:00 P.M. Check in at Hotel Custer, Galesburg, Illinois.

## MONDAY, OCTOBER 21

- 7:45 A.M. Check out and assemble in front of the hotel.
- 8:00 A.M. Visit plant of Midwest Manufacturing Company in Galesburg.
- 10:00 A.M. Leave for Abingdon, Illinois.
- 10:30 A.M. Visit plant of Abingdon Potters, Inc.
- 12:15 P.M. Lunch as the guests of Abingdon Potteries.
- 1:30 P.M. Leave for Macomb, Illinois.
- 2:00 P.M. Visit plant of the Illinois Electrical Porcelain Company.
- 5:00 P.M. Leave for Quincy, Illinois.
- 6:30 P.M. Check in at Hotel Lincoln-Douglas in Quincy, Illinois.

## TUESDAY, OCTOBER 22

- 7:00 A.M. Check out and assemble in front of hotel. Leave for Mexico, Missouri.
- 9:30 A.M. Visit plant of the A. P. Green Firebrick Company.
- 12:00 M. Lunch in Mexico as the guests of the A. P. Green Firebrick Company.
- 1:30 P.M. Leave for Fulton, Missouri.
- 2:15 P.M. Visit plant of the Harbison-Walker Refractories Company.
- 4:45 P.M. Leave for St. Louis, Missouri.
- 6:30 P.M. Check in at Sands Motel, Lindberg Road, By Pass 40, 66, and 67. South of Natural Bridge Road.

## WEDNESDAY, OCTOBER 23

- 7:30 A.M. Check out and assemble in front of motel. Leave for the Maryland Heights plant of the Alton Brick Company.
- 8:00 A.M. Visit Maryland Heights plant of the Alton Brick Company.

- 10:00 A.M. Leave for Missouri Portland Cement Company, 9403 Riverview Drive.
- 10:30 A.M. Visit plant of Missouri Portland Cement Company.
- 12:00 M. Lunch as the guests of the Missouri Portland Cement Company.
- 1:00 P.M. Leave for Alton, Illinois.
- 2:00 P.M. Visit plant of the Owens-Illinois Glass Company.
- 5:00 P.M. Leave for St. Louis, Missouri.
- 6:00 P.M. Check in at Mark Twain Hotel, Eighth and Pine Streets, St. Louis, Missouri.

#### **THURSDAY, OCTOBER 24**

- 7:30 A.M. Assemble in front of Mark Twain Hotel. Leave for Laclede Christy Company, 4705 Ridgewood Avenue.
- 8:30 A.M. Visit the plants of the Laclede-Christy Company Division of the H. K. Porter Company.
- 12:00 M. Lunch.
- 1:00 P.M. Leave for Crystal City, Missouri.
- 2:00 P.M. Visit plant of the Pittsburgh Plate Glass Company.
- 5:00 P.M. Return to Mark Twain Hotel.

#### **FRIDAY, OCTOBER 25**

- 7:30 A.M. Check out and assemble in front of the Mark Twain Hotel. Leave for Granite City, Illinois.
- 8:30 A.M. Visit the iron blast furnace and open hearth operations of the Granite City Steel Company.
- 12:00 M. Lunch in Granite City.
- 1:00 P.M. Visit the rolling mills of the Granite City Steel Company.
- 3:00 P.M. Leave for Urbana, Illinois.
- 7:30 P.M. Arrive in Urbana, Illinois.

#### **Faculty**

R. J. Beals      R. L. Cook      J. A. Nelson

#### **Seniors**

Baker, D. R.	Lane, J. R.
Bart, R. K.	March, D. D.
Blahous, C. P.	Pell, R. E.
Bowman, G. A.	Sanner, R. D.
Capek, R. G.	Tolliver, B. R.
Delott, C. R.	Ziegle, G. D.
Herbst, R. J.	

# Chemical Engineering

## WEDNESDAY, OCTOBER 23

- 6:55 A.M. Assemble for roll call at Green Street entrance to Illini Union Building.
- 7:00 A.M. Bus leaves Urbana.
- 8:15 A.M. Twenty minute bus stop. Do not order a cooked meal.
- 9:15 A.M. Arrive at Armour Laboratories, Bradley, Illinois (Just north of Kankakee on Route 54). Pharmaceuticals, production of fine chemicals.
- 11:15 A.M. Lunch at Armour Laboratories.
- 12:15 P.M. Leave Armour Laboratories.
- 1:45 P.M. Arrive at Spencer Chemical Company, 140 Second Street and Paxton Avenue, Calumet City, Illinois. Production of formaldehyde.
- 4:00 P.M. Leave Spencer Chemical Company. Students wishing to leave the bus before reaching the hotel should have their baggage inside the bus at this time.
- 5:15 P.M. Arrive at Knickerbocker Hotel, 163 East Walton Place, Chicago, Illinois. Register for your room. Notify the room clerk if all of your roommates do not show up; otherwise, you may have to pay for persons not present.

## THURSDAY, OCTOBER 24

- 7:00 A.M. Breakfast.
- 8:00 A.M. Leave Knickerbocker Hotel.
- 9:00 A.M. Arrive at Inland Steel Company, Indiana Harbor, Indiana. Plant No. 2 Gate, Michigan Avenue near Lake Michigan. Steel production and fabrication.
- 12:15 P.M. Arrive at Standard Oil Company, 2500 New York Avenue, Whiting, Indiana.
- 12:30 P.M. Lunch at Standard Oil Company.
- 1:15 P.M. Tour of research laboratory and pilot plants.
- 4:15 P.M. Leave Standard Oil Company.
- 5:30 P.M. Arrive at Knickerbocker Hotel.

## FRIDAY, OCTOBER 25

- 7:00 A.M. Breakfast, pay hotel bill, check out.  
8:00 A.M. Leave Knickerbocker Hotel.  
9:00 A.M. Arrive at Argonne Research Laboratories, Research Reactor Building, Lemont, Illinois.  
11:30 A.M. Lunch at Argonne Research Laboratories.  
12:30 P.M. Leave Argonne Research Laboratories.  
1:30 P.M. Arrive at General Mills, Inc., South Kensington Road, Kankakee, Illinois. Production of organic chemicals.  
3:30 P.M. Leave General Mills, Inc.  
5:30 P.M. Arrive in Urbana at Illini Union Building.

## Faculty

T. J. Hanratty

R. D. Mikesell

## Seniors

Ahlgren, R. M.  
Albright, W. D.  
Asper, W. E.  
Beyaert, B. O.  
Blandford, K.  
Bruhns, F. M.  
Canfield, R. C.  
Celavier, D. E.  
Davis, R. C.  
Degener, R. L.  
Foster, H. R.  
Gay, W. L.  
Hagedorn, R. J.  
Kamal, M. R.  
Kern, E. M.  
Kizior, R. J.  
Kulwic, R. A.  
Lee, R.  
Matras, E. J.  
Moraine, R.  
Munnis, D. V.  
Nalovian, K.

Ng, D. Y. C.  
Osberg, C. G.  
Paik, C. H.  
Pearson, L. E.  
Peterson, E. W.  
Riccetti, R. E.  
Sather, N. F.  
Schriftman, D. N.  
Shinville, G. T.  
Skinner, J. L.  
Smick, K. F.  
Snella, H. J.  
Snyder, J. L.  
Strauss, C. R.  
Suan, C. A.  
Tapulionis, M. O.  
Tinkler, J. D.  
Voelpel, J. W.  
Vrentas, J. S.  
Winnick, J. S.  
Zengel, A. E.

## **Civil Engineering — GROUP A**

### **WEDNESDAY, OCTOBER 23**

- 6:30 A.M. Leave from west end of Civil Engineering Hall, Urbana.
- 7:45 A.M. Inspect Mississippi Valley Structural Steel Plant, Decatur, Illinois.
- 9:15 A.M. Board buses.
- 9:45 A.M. Inspect Nelson Park Bridge, Decatur, Illinois.
- 10:00 A.M. Board buses.
- 10:15 A.M. Inspect crest gates on Decatur Dam.
- 10:45 A.M. Board buses.
- 11:00 A.M. Lunch at Swartz Restaurant, 22nd and Prairie Streets, Decatur.
- 11:45 A.M. Board buses.
- 1:30 P.M. Inspect water treatment plant and spillway at Lake Bloomington, Illinois.
- 3:00 P.M. Board buses.
- 3:30 P.M. Inspect Asphalt Plant and pavement resurfacing on U.S. 66 at Bloomington.
- 4:15 P.M. Board buses.
- 5:45 P.M. Arrive Hotel Jefferson, Peoria, Illinois.
- 8:00 P.M. Talk by City Manager of Peoria, Fourth Floor, City Hall.

### **THURSDAY, OCTOBER 24**

- 7:30 A.M. Board buses at Jefferson Hotel.
- 8:00 A.M. Inspect Peoria Sewage Treatment Plant.
- 9:30 A.M. Board buses.
- 10:00 A.M. Inspect Illinois River Lock and Dam.
- 10:20 A.M. Board buses.
- 11:00 A.M. Inspect Farm Creek Flood Control Project.
- 12:15 P.M. Board buses.
- 12:30 P.M. Lunch, Caterpillar Tractor Plant, East Peoria, Illinois.
- 1:30 P.M. Inspect Caterpillar Tractor Plant and Proving Grounds.
- 5:30 P.M. Board buses and return to hotel.

### **FRIDAY, OCTOBER 25**

- 6:30 A.M. Check out of Hotel Jefferson.
- 7:00 A.M. Board buses.

- 7:15 A.M. Inspect new Illinois River bridge on U.S. 150.
- 10:45 A.M. Board buses.
- 11:00 A.M. Lunch, buses 1 and 2 at Mack's Cafe, bus 3 at Twin Springs Cafe, bus 4 at Marchand's Steak House.
- 12:00 M. Board buses.
- 2:00 P.M. Inspect AASHO Test Road, Utica, Illinois.
- 4:30 P.M. Leave for Champaign-Urbana.
- 7:30 P.M. Arrive Champaign-Urbana.

## **Civil Engineering — GROUP B**

### **WEDNESDAY, OCTOBER 23**

- 7:00 A.M. Leave from west end of Civil Engineering Hall, Urbana.
- 7:30 A.M. Inspect 150 Bypass, Champaign, Illinois.
- 8:30 A.M. Board buses.
- 9:45 A.M. Inspect Mississippi Valley Structural Steel Plant, Decatur, Illinois.
- 11:15 A.M. Board buses.
- 11:30 A.M. Inspect crest gates on Decatur Dam.
- 12:00 M. Board buses.
- 12:15 P.M. Inspect Nelson Park Bridge, Decatur, Illinois.
- 12:35 P.M. Board buses.
- 12:45 P.M. Lunch at Swartz Restaurant, 22nd and Prairie Streets, Decatur.
- 1:30 P.M. Board buses.
- 3:00 P.M. Inspect water treatment plant and spillway at Lake Bloomington, Illinois.
- 4:30 P.M. Board buses.
- 6:00 P.M. Arrive Hotel Jefferson, Peoria, Illinois.
- 8:00 P.M. Talk by City Manager of Peoria, Fourth Floor, City Hall.

### **THURSDAY, OCTOBER 24**

- 7:00 A.M. Board buses at Jefferson Hotel.
- 7:30 A.M. Inspect Farm Creek Flood Control Project.
- 9:00 A.M. Board buses.
- 9:40 A.M. Inspect Illinois River Lock and Dam.
- 10:00 A.M. Board buses.

- 10:30 A.M. Inspect Peoria Sewage Treatment Plant.  
 12:00 M. Board buses.  
 12:30 P.M. Lunch, Caterpillar Tractor Plant, East Peoria, Illinois.  
 1:30 P.M. Inspect Caterpillar Tractor Plant and Proving Grounds.  
 5:30 P.M. Board buses and return to hotel.

## FRIDAY, OCTOBER 25

- 6:30 A.M. Check out of Hotel Jefferson.  
 7:00 A.M. Board buses.  
 7:15 A.M. Inspect new Illinois River bridge on U.S. 150.  
 10:45 A.M. Board buses.  
 11:00 A.M. Lunch, Hotel Jefferson and vicinity.  
 12:00 M. Board buses.  
 2:00 P.M. Inspect AASHO Test Road, Utica, Illinois.  
 4:30 P.M. Leave for Champaign-Urbana.  
 7:30 P.M. Arrive Champaign-Urbana.

## Faculty

V. T. Chow	N. Khachaturian
S. J. Fenves	W. F. Rowland
G. W. Hollon	J. E. Stallmeyer
E. Y. Huang	A. K. Stonecipher
J. W. Hutchinson	G. A. Young

## Seniors

### GROUP A

Ahmadzai, A. J.	Ferry, W. R.
Allison, J. B.	Flory, R. C.
Aronson, B.	Gandhi, H. H.
Barsella, A. F.	Garcia, J. A.
Berggren, R. A.	Gareiss, J. P.
Betts, M. K.	Gatch, B., Jr.
Bikul, K. A.	Gende, R. L.
Blanco, D. R.	Gill, J.M.
Board, L. E.	Glick, R. D.
Bobka, A. F.	Gonzalez, R. A.
Brady, C. R.	Goradia, Y. N.
Brandt, J. M.	Gundersen, G.
Brazas, W. J.	Halilamien, P.
Broz, J. C.	Hare, C. E.
Brumbaugh, P. C.	Harrington, G. R.
Bugler, R. A.	Harris, L. D.
Buxton, E. D.	Heindel, D. S.
Capek, R. C.	Henson, P. I.
Cazier, W. M.	Hoffman, J. G.
Corley, W. G.	Hostrup, J. C.
Davis, G. W.	Issel, K. A.
Erickson, R. L.	Jablonski, E.

Jain, H. R.  
Johnson, A. L.  
Johnson, W. D.  
Joy, P. W.  
Juliano, F. E.  
Kelley, P. W.  
Kenney, D. E.  
Knutson, R. B.

Koertge, H. H.  
Kraft, R. K.  
Kukenis, R. S.  
Kyi, P.  
Lefke, L. W.  
Madonia, P. P.  
Maki, G. O.  
Malherek, R. E.

#### GROUP B

Malina, G. J.  
Marshall, M.  
Miloshewski, L. J.  
Morgan, R. E.  
Mulcahy, D. J.  
Nordell, W. J.  
Nugent, M. D.  
Paul, V.  
Pekovich, S.  
Pepple, J. W.  
Petzold, C. W.  
Pfeifer, D. W.  
Pfeiffer, T. J.  
Pries, D. M.  
Puerta, F. A.  
Radzevich, J. D.  
Randolph, R. M.  
Rapinchuk, E. J.  
Riggs, J. P.  
Rittenhouse, G. E.  
Robinson, J. D.  
Roden, N. C.  
Roffmann, H.  
Sagaser, C. L.  
Santacruz, M.  
Sarver, R. E.  
Schenkiryk, O. J.  
Schmidt, R. E.  
Scholl, S. E.  
Schooler, J. H.  
Schwartz, I. J.

Sheth, D. C.  
Sisiliano, W. J.  
Slonim, D. M.  
Smith, J. L.  
Sosewitz, B.  
Soto, H.  
Sporleder, H. E.  
Striedl, M. J.  
Stults, K. P.  
Styzinski, W. S.  
Tabbaa, M. B. O.  
Tack, C. A.  
Taylor, V. L.  
Tham, C. L.  
Tinkey, A. M.  
Tonkinson, J. S.  
Wamble, J. E.  
Wang, C. K. M.  
Wang, E. C.  
Wattles, P. K.  
Wendler, R. J.  
West, K. E.  
White, D. P.  
White, K. E.  
Wieduwilt, L. R., Jr.  
Womble, J. E.  
Woods, R. E.  
Woods, S. W., Jr.  
Wozniak, R. S.  
Yunker, R. H.



# Electrical Engineering — TRIP 1

## — COMMUNICATION OPTION

### WEDNESDAY, OCTOBER 23

- 5:45 A.M. Leave Wright Street entrance Electrical Engineering Building.
- 9:15 A.M. Enter Automatic Electric Company, Northlake, Illinois.
- 11:45 A.M. Lunch in Automatic Electric Company Cafeteria.
- 1:00 P.M. Leave for Zenith Radio Corporation.
- 1:30 P.M. Enter Zenith Radio Corporation, 6001 Dickens Avenue.
- 4:00 P.M. Leave for St. Clair Hotel, Ohio and St. Clair Streets.

### THURSDAY, OCTOBER 24

- 8:30 A.M. Leave St. Clair Hotel for Bell Telephone Building.
- 9:00 A.M. Enter Bell Telephone Building, 85 W. Congress Street, for tour and lunch as guests of Bell Telephone Company.
- 12:30 P.M. Leave for the Rauland Corporation.
- 1:15 P.M. Enter Rauland Corporation, 4245 North Knox Avenue.
- 4:00 P.M. Leave for St. Clair Hotel.

### FRIDAY, OCTOBER 25

- Check out of hotel and load baggage on bus.
- 7:45 A.M. Leave for Electromotive Division, General Motors Corporation, La Grange, Illinois.
- 9:00 A.M. Enter Electromotive Division, West Gate.
- 11:30 A.M. Leave for Wisconsin Steel Company. Lunch en route.
- 1:15 P.M. Enter Wisconsin Steel Company, 2701 East 106th Street.
- 4:00 P.M. Leave for Champaign-Urbana.

### Faculty

W. G. Albright  
M. L. Babcock  
J. B. Cruz

J. R. Lehmann  
P. F. Schwarzlose  
C. E. Skroder

## Seniors

Ballard, R. E.	Marquis, J. F.
Bartkus, A. A.	Mayer, C. R.
Bobis, J. P.	McGregor, D. E.
Boothroyd, R. L.	Michal, D. P.
Briley, B. E.	Moll, R. E.
Bronswick, L.	Myers, R. L.
Butler, W. F.	Naatz, R. C.
Chappell, R. H.	Nagata, H. T.
Christy, W. M.	Nasereddin, T.
Cotten, J. G.	Nelson, R. A.
Crowell, W. C.	Nostwick, A. A.
Dell, R. E.	Nystrom, A. V.
Dryer, R. L.	Ohn, T.
Dupuis, J. J.	Okubo, G. H.
Elliott, B. D.	Paglee, E. H.
Eorman, F. T.	Parisi, D. S.
Fox, J. H.	Patton, R. S.
Gedaugas, J. A.	Pearman, O. D.
Geerts, H. A.	Perlman, M.
Gerbode, R. W.	Petrusis, V. J.
Gordon, R. H.	Pinz, G. J.
Granzow, K. D.	Puariea, J. W.
Gregory, F. X.	Purkis, R. E.
Grimm, J. G.	Raskauskas, B. J.
Gruder, J. F.	Ravenesi, R. M.
Guerin, T. E.	Richmond, P.
Gutmann, M.	Roach, J. K.
Hansen, J. D.	Rogeness, G. G.
Hardy, R. M.	Ross, T. L.
Hegner, H. R.	Rowenec, V.
Heintz, J. A.	Runyan, J. E.
Herr, D. G.	Ryan, R. E.
Heyda, K. C.	Sanders, W. J.
Hiatt, R. L.	Scarpelli, N. F.
Holbach, R. R.	Schmid, F. L.
Hunt, T. R.	Schuck, R. P.
Iantorno, C. F.	Semmer, J. W.
Jepson, R. M.	Sheppard, D. J.
Joslyn, B. L.	Smith, E. G.
Jurewicz, R. E.	Spokas, F. J.
Karich, H. E.	Strien, G. W.
Kash, R. M.	Strobel, D. H.
Kirvaitis, K.	Timm, W. E.
Koch, T. J.	Troutman, P. L.
Kolb, R. P.	Urban, R. A.
Kowalik, R. F.	Wagner, G. A.
Kutz, J. W.	Wagner, R. F.
Laflam, R. J.	Wanka, J. R.
Larsen, L. D.	Warren, C. S.
Lawrence, H. G.	Westlake, E. W.
Layman, R. S.	Wexler, J. M.
Lieberman, M. D.	Weyrich, R. N.
Lindquist, A. B.	Widugiris, W.
Maleski, H. R.	Wolter, F. A.
Marquedant, R. J.	

# Electrical Engineering — TRIP 2

## — COMMUNICATION OPTION

### WEDNESDAY, OCTOBER 23

- 5:45 A.M. Leave Wright Street entrance Electrical Engineering Building.
- 9:15 A.M. Enter Motorola Company, 4545 Augusta Boulevard.
- 11:30 A.M. Lunch as guests of Motorola.
- 1:00 P.M. Leave for Rauland Corporation.
- 1:30 P.M. Enter Rauland Corporation, 4245 North Knox Avenue.
- 4:15 P.M. Leave for St. Clair Hotel, Ohio and St. Clair Streets.

### THURSDAY, OCTOBER 24

- 8:00 A.M. Leave hotel for Western Electric Company.
- 9:00 A.M. Enter Western Electric Company, 23rd Place and Cicero Avenue.
- 11:30 A.M. Lunch as guests of Western Electric Company.
- 12:30 P.M. Leave for Bell Telephone Building.
- 1:30 P.M. Enter Bell Telephone Building, 85 W. Congress Street.
- 4:30 P.M. Leave for St. Clair Hotel.

### FRIDAY, OCTOBER 25

- Check out of hotel and load baggage on bus.
- 8:00 A.M. Leave for Wisconsin Steel Company.
- 9:00 A.M. Enter Wisconsin Steel Company, 2701 East 106th Street.
- 11:30 A.M. Leave for Electromotive Division, General Motors Corporation, La Grange, Illinois.
- 12:30 P.M. Enter Electromotive Division, west gate, for lunch and tour of plant.
- 4:30 P.M. Leave for Champaign-Urbana.

### Faculty

G. E. Anner  
A. S. Chodakowski  
P. R. Egbert  
D. F. Hang

J. B. Kreer  
G. R. Peirce  
L. W. Ricketts  
J. E. Williams

## Seniors

Alblinger, C. B.	Klein, P. A.
Alexander, D. C.	Klump, R. J.
Algeo, J. A.	Koide, F. T.
Allen, R. M.	Landers, D. R.
Armstrong, M. E.	Lashley, J. D.
Arndt, L. K.	Lemanski, A. B.
Baird, J. R.	Loos, R. J.
Baird, R. J.	Maesky, F. J.
Bartley, J. W.	Maginot, J. J.
Beinikis, V.	Mavity, W. C.
Bermes, R. W.	McCartney, W. B.
Berryman, G. C.	McClure, P. J.
Betz, J. D.	McLennahan, W. L.
Bowie, D. L.	Memmen, J. W.
Bowman, R. V.	Metcalf, E. D.
Brown, R. L.	Miller, H. S.
Brumleve, T. D.	Morgan, T. M.
Buenger, G. L.	Morse, J. E.
Carlson, H. E.	Moser, G. G.
Cashman, H. J.	Moser, P. C.
Choate, R. H.	Murphy, C. J.
Correll, C. R.	Nevenner, R. J.
Day, R. P.	Newberry, L. W.
Deavies, E. G.	Northrup, R. M.
Dipert, A. W.	Norton, R. M.
Doben, F.	Pacini, E. J.
Downing, T. S.	Patterson, D. R.
Drewett, J. D.	Patton, B. W.
Eggers, R. E.	Pearson, J. L.
Erb, D. D.	Peterson, C. G.
Finkboner, W. E.	Peterson, J. W.
Forsee, R. W.	Pierre, D. A.
Foster, R. W.	Pless, R. L.
Funk, J. R.	Rankine, R. R.
Fusinati, R. D.	Rawie, G. E.
Geolat, B. J.	Rhea, R. R.
George, T. V.	Rippie, L. C.
Gingerich, J. C.	Rosenberg, K. C.
Griffin, N. J.	Rust, C. L.
Guyette, R. J.	Ruva, W. M.
Harris, J. H.	Schaecher, W. C.
Harward, J. E.	Schleifer, M. N.
Hayes, H. H.	Schrader, D. E.
Heien, H. L.	Sharp, R. L.
Hendel, R. C.	Shenfish, K. L.
Hinrichs, C. A.	Sinn, M. C.
Hodgkins, R. L.	Smith, K. W.
Hogue, R. B.	Snedeker, D. E.
Horrell, J. L.	Sommers, J. E.
Hosbach, E. E.	Spafford, M. L.
Hufford, M. R.	Stickler, L. L.
Huitema, R. L.	Stifle, J. E.
Jacobs, G. E.	Strain, R. J.
Jasper, J. D.	Sumrall, G. E.
Johnson, G. F.	Swanson, R. L.
Kafka, R. W.	Taren, W. J.
Kamm, D. A.	Thompson, R.
Kellum, E. E.	Thompson, T. L.
Kiczuk, F.	Tor, W. G.
Klein, E. J.	Tucker, R. G.

Tucker, T. H.  
Wang, C. C.  
Weiherman, R. J.  
Wieneke, R. G.  
Wierwille, W. W.  
Wilfinger, R. G.  
Williams, G. P.  
Wolff, E. J.

Wolter, F. A.  
Wright, J. W.  
Wymer, F. J.  
Wysup, G. M.  
Yakich, J. J.  
Yello, J. F.  
Zantow, W. F.  
Zimmerman, D.

## **Electrical Engineering — TRIP 3**

### **— POWER AND ILLUMINATION OPTIONS**

#### **TUESDAY, OCTOBER 22**

- 5:45 A.M. Leave Wright Street entrance, Electrical Engineering Building on special bus.
- 9:30 A.M. Enter Western Electric Company, 23rd Place and Cicero Avenue.
- 11:30 A.M. Lunch as guests of Western Electric Company.
- 12:15 P.M. Leave for Wisconsin Steel Company, 2701 East 106th Street.
- 1:15 P.M. Enter Wisconsin Steel plant.
- 4:30 P.M. Leave for Ambassador Hotel, 2300 West Wisconsin Avenue, Milwaukee, Wisconsin.

#### **WEDNESDAY, OCTOBER 23**

- 7:45 A.M. Leave hotel for Louis Allis Company, 427 East Stewart Street.
- 8:15 A.M. Enter Louis Allis plant.
- 11:45 A.M. Lunch as guests of Louis Allis Company.
- 1:00 P.M. Leave for inspection of distribution, transmission and dispatching properties of Wisconsin Electric Power Company.
- 6:30 P.M. Dinner and special program as guests of the Wisconsin Electric Power Company.

#### **THURSDAY, OCTOBER 24**

- 7:45 A.M. Leave hotel for Allis-Chalmers Company, West Allis, Wisconsin.
- 8:30 A.M. Enter Allis-Chalmers plant.
- 1:00 P.M. Lunch as guests of Allis-Chalmers Company at Allis-Chalmers Club.
- 1:45 P.M. Leave for A. O. Smith Corporation, 27th and Hopkins Street.
- 2:15 P.M. Enter A. O. Smith Corporation plant.

## **FRIDAY, OCTOBER 25**

- 7:45 A.M. Leave hotel for Cutler-Hammer, Inc., 30th Street Plant.
- 8:15 A.M. Enter Cutler-Hammer, Inc. Plants including 12th Street Plant.
- 12:15 P.M. Lunch as guests of Cutler-Hammer, Inc.
- 1:30 P.M. Leave for Oak Creek plant of Wisconsin Electric Power Company.
- 4:00 P.M. Leave for Champaign-Urbana.

### **Faculty**

M. S. Helm

C. A. Keener

### **Graduate Students**

Gonzalez, V. H.

Shenoi, B. A.

### **Seniors**

Baker, J. D.

Bustamante, R. F.

Calderon, L. A.

Carr, K. R.

Cohen, K. J.

Hernandez, E. G.

Koons, R. S.

Lega, A.

Locke, C. R.

Peterson, R. A.

Rannells, J. H.

Rathje, D. J.

Sandstrom, P. A.

Schlabach, L. A.

Schultz, M. J.

Shaw, W. N.

Stamatis, T. S.

Vanagunas, R. J.

Walsh, D. M.

Zimmerman, E. C.

# General Engineering

## WEDNESDAY, OCTOBER 23

C.D.T.

- 6:00 A.M. Leave Mathews Avenue entrance to Transportation Building on special bus.
- 9:30 A.M. Arrive at Elgin, Illinois and visit the Elgin National Watch Company.
- 12:00 M. Lunch as guests of Elgin National Watch Company.
- 12:45 P.M. Leave Elgin National Watch Company for Western Electric Company, 23rd Place and Cicero Avenue, Chicago, Illinois.
- 2:00 P.M. Visit Western Electric Company.
- 4:30 P.M. Leave Western Electric Company for St. Clair Hotel, 162 East Ohio Street, Chicago, Illinois.

## THURSDAY, OCTOBER 24

C.D.T.

- 7:30 A.M. Leave St. Clair Hotel for Milwaukee, Wisconsin.

C.S.T.

- 9:30 A.M. Arrive at Milwaukee, Wisconsin and visit the Kearney and Trecker Corporation's Special Machinery Division on Highway 100.
- 12:30 P.M. Leave Kearney and Trecker Corporation for Allis-Chalmers Company, West Allis, Wisconsin.
- 1:00 P.M. Lunch as guests of Allis-Chalmers Company at Allis-Chalmers Club.
- 1:45 P.M. Visit Allis-Chalmers Company.
- 4:30 P.M. Leave Allis-Chalmers Company for St. Clair Hotel in Chicago, Illinois.

## FRIDAY, OCTOBER 25

C.D.T.

- 7:45 A.M. Check out of St. Clair Hotel.
- 8:00 A.M. Leave hotel for Inland Steel Company, Indiana Harbor Works, East Chicago, Indiana.
- 9:00 A.M. Visit Inland Steel Company.
- 12:00 M. Lunch as guests of Inland Steel Company.

- 12:45 P.M. Leave Inland Steel Company for Reynolds Metals Company, McCook, Illinois.
- 1:45 P.M. Visit Reynolds Metals Company.
- 4:30 P.M. Leave Reynolds Metals Company for Champaign-Urbana.

## Faculty

E. D. Ebert

G. E. Martin

## Seniors

Anderson, R. C.	King, W. M.
Boldrey, J. R.	Landgren, P. W.
Carpenter, A. F.	Lauterbach, G. A.
Cook, R. D.	Leemon, R. K.
Ericson, H. C.	Marchetti, J. R.
Florschuetz, L. W.	Mercer, R. E.
Galle, D. P.	Merrill, R. N.
Grider, L. D.	Metcalf, J. L.
Hamilton, R. J.	Monson, A. E.
Hamilton, W. A.	Peacy, J. L.
Heisler, L. K.	Peterson, R. A.
Holm, W. H.	Riggs, J. F.
Howland, R. E.	Rodgers, B. E.
Huff, J. P.	Stradley, C. W.
Kareken, R. S.	Vance, R. P.
Kempf, D. D.	Walderman, L. F., Jr.
Kenner, P. L.	Whitman, M. L.



# Mechanical Engineering — TRIP 1

(All students must be U.S. Citizens)

## WEDNESDAY, OCTOBER 23

- 6:00 A.M. Board bus on Mathews Street, west of Mechanical Engineering Building.
- 11:00 A.M. Arrive at St. Louis.
- 11:00 A.M. Lunch.
- 12:30 P.M. Arrive at McQuay Norris Manufacturing Co., 2320 Marconi Avenue.
- 5:00 P.M. Check in at Statler Hotel, 822 Washington St., St. Louis.

## THURSDAY, OCTOBER 24

- 7:45 A.M. Assemble in lobby of Statler Hotel.
- 8:00 A.M. Leave hotel by chartered bus.
- 8:30 A.M. Arrive at McDonnell Aircraft Corporation — Lambert — St. Louis Airport.
- 12:00 M. Lunch courtesy of McDonnell Aircraft.
- 2:00 P.M. Arrive at Wagner Electric Corporation, 6400 Plymouth Avenue.
- 5:00 P.M. Return to hotel.

## FRIDAY, OCTOBER 25

- 7:15 A.M. Check out of hotel and assemble in lobby.
- 7:30 A.M. Leave hotel by chartered bus.
- 12:15 P.M. Arrive at Marvel-Schebler Products Division, Decatur, Ill.
- 12:30 P.M. Lunch, courtesy of Marvel-Schebler.
- 4:30 P.M. Leave Marvel-Schebler and proceed to Champaign-Urbana.
- 6:00 P.M. Arrive at Champaign-Urbana.

## Faculty

B. Turkovich

G. F. Schrader

## Seniors

Baltzell, L. E.  
Barton, J. G.  
Bednar, D. A.  
Biven, R. L.  
Dahm, W. P.

Demartelaere, D. L.  
Dombroski, H. E., Jr.  
Fisher, L. A.  
Freeberg, J. G.  
Garbatschewski, J. A.

Gish, D. G.  
Goern, R. F.  
Huck, J. F.  
Jackson, T. A.  
Johnston, R. P.  
Kalnitz, M. C.  
Kelly, T. J.  
King, C. D.  
Kulykivsky, H.  
Landesman, L. J.  
Little, W. A.  
Marchello, J. W.  
Masek, R. P.  
Pierce, S. L.  
Plamondon, J. A.

Pyevich, E.  
Schoeberle, J. J.  
Schuldt, D. R.  
Seggebruch, E. G.  
Sergeant, W. E.  
Sharp, W. F.  
Snow, E. F.  
Stahl, B. A.  
Van Vleet, J. O.  
Wallace, R. L.  
Wilson, J. P.  
Winters, P. W.  
Wolf, S. R.  
Wutzke, S. A.

## **Mechanical Engineering — TRIP 2**

### **WEDNESDAY, OCTOBER 23**

- 7:00 A.M. Board bus on Mathews Street, west of Mechanical Engineering Building.
- 8:30 A.M. Arrive at Caterpillar Tractor Company, Decatur.
- 12:30 P.M. Lunch, courtesy of Caterpillar Tractor Company.
- 1:30 P.M. Leave Caterpillar and proceed to St. Louis by chartered bus.
- 6:00 P.M. Check in at Statler Hotel, 822 Washington St., St. Louis.

### **THURSDAY, OCTOBER 24**

- 8:15 A.M. Assemble in lobby of Statler Hotel.
- 8:30 A.M. Leave hotel by chartered bus.
- 9:00 A.M. Arrive at Monsanto Chemical Company, J. F. Queeny Plant, 1800 South Second Street.
- 12:00 M. Lunch.
- 1:30 P.M. Arrive at Continental Can Company, 7140 North Broadway.
- 5:00 P.M. Return to hotel.

### **FRIDAY, OCTOBER 25**

- 7:45 A.M. Check out of hotel and assemble in the lobby.
- 8:00 A.M. Leave hotel by chartered bus.
- 9:00 A.M. Arrive at Granite City Steel Company, 20th and Iowa St., Granite City, Ill.
- 12:00 M. Lunch.

1:30 P.M. Proceed to Champaign-Urbana.

6:00 P.M. Arrive at Champaign-Urbana.

## Faculty

H. D. Bareither

J. R. Carroll

## Seniors

Arrowood, J. S.

Auter, H. W.

Bagguley, R. D.

Bennett, P. E.

Bentsen, L. J.

Brodnicki, A. F.

Burh, L. G.

Chin, I. W. W.

Christy, P.

Damico, A. G., Jr.

Denhart, W. L.

Diamantakis, D.

Dobrinich, D.

Eng, G. S.

Enstrom, R. V.

Escobar, C. A.

Gruenberg, W. C., Jr.

Harenza, E.

Hyland, G. A.

Kotliar, P. S.

Langer, R. J.

Langer, W. D.

Lewis, R. F.

Mai, J. H.

Medrano, O.

Merdinger, J. G.

Moeller, R. P.

Muir, E. B.

Placek, R. J.

Renfro, R. C.

Rivas, R.

Rumsa, A. J.

Sharp, R. A.

Sullivan, T. P.

Swanson, K. R.

Taube, F. C.

Todd, G. V.

Zimmerman, J. H.

## Mechanical Engineering — TRIP 3

(All students must be U.S. Citizens)

### WEDNESDAY, OCTOBER 23

7:00 A.M. Board bus on Mathews Street, west of Mechanical Engineering Building.

12:30 P.M. Arrive at Owens-Illinois Company, Alton, Illinois.

1:00 P.M. Lunch, courtesy of Owens-Illinois Company.

5:00 P.M. Check in at Statler Hotel, 822 Washington Street, St. Louis.

### THURSDAY, OCTOBER 24

8:00 A.M. Assemble in lobby of Statler Hotel.

8:15 A.M. Leave hotel by chartered bus.

8:45 A.M. Arrive at Nordberg Manufacturing Company, Busch-Sulzer Division, 3300 South Second Street.

12:00 M. Leave Nordberg Manufacturing Company.

- 12:30 P.M. Arrive at Wagner Electric Corporation, 6400 Plymouth Avenue.
- 12:30 P.M. Lunch, courtesy of Wagner Electric Corporation.
- 5:00 P.M. Return to hotel.

## **FRIDAY, OCTOBER 25**

- 8:00 A.M. Check out of hotel and assemble in the lobby.
- 8:15 A.M. Leave hotel by chartered bus.
- 9:00 A.M. Arrive at McDonnell Aircraft Corporation — Lambert — St. Louis Airport.
- 12:30 P.M. Lunch, courtesy of McDonnell Aircraft.
- 2:30 P.M. Leave McDonnell Aircraft and proceed to Champaign-Urbana.
- 7:00 P.M. Arrive at Champaign-Urbana.

## **Faculty**

C. D. Greffe                      F. Seyfarth

## **Seniors**

Adams, R. G.	Liljequist, J. L.
Crean, P. J.	Lindstrom, L. D.
Cunningham, W. E.	Lockhart, W. A.
Dalhaus, A. K.	Louis, J. E.
Dekrivatsy, L.	Luther, L. C.
Drone, B. R.	Magana, D.
Eurick, N. C.	McGinnis, G. E.
Feldman, H.	Palla, J. J.
Felmus, N. L.	Ranta, E. A.
Field, M. D.	Reysa, R. P.
Frew, J. S.	Sachs, S. A.
Gin, B.	Schmidel, J. A.
Gintautas, V.	Schwegler, J. F.
Graham, R. E.	Siewert, H. G.
Hultberg, J. A.	Simak, F. J.
Jennings, R. E.	Sipka, J. F., Jr.
Krenz, D. L.	Stage, D. E., Jr.
Lansden, C. T.	Svatos, J. D.
Lawwill, R. C.	Vinar, M.

## **Mechanical Engineering — TRIP 4**

### **WEDNESDAY, OCTOBER 23**

- 7:00 A.M. Board bus on Mathews Street, west of Mechanical Engineering Building.
- 12:30 P.M. Arrive at Owens-Illinois Company, Alton, Illinois.

- 1:00 P.M. Lunch, courtesy of Owens-Illinois Company.
- 5:00 P.M. Check in at Statler Hotel, 822 Washington Street, St. Louis.

### **THURSDAY, OCTOBER 24**

- 8:00 A.M. Assemble in lobby of Statler Hotel.
- 8:15 A.M. Leave by chartered bus.
- 8:45 A.M. Arrive at Carter Carburetor Corporation, 2840 North Spring Avenue.
- 12:00 M. Lunch, courtesy of Carter Carburetor Corporation.
- 1:30 P.M. Arrive at Continental Can Company, 7140 North Broadway.
- 5:00 P.M. Return to hotel.

### **FRIDAY, OCTOBER 25**

- 7:45 A.M. Check out of hotel and assemble in lobby.
- 8:00 A.M. Leave hotel by chartered bus.
- 9:00 A.M. Arrive at Granite City Steel Company, 20th and Iowa Street, Granite City, Illinois.
- 12:00 M. Lunch.
- 1:30 P.M. Proceed to Champaign-Urbana.
- 6:00 P.M. Arrive at Champaign-Urbana.

## **Faculty**

R. F. Larson

J. L. Leach

## **Seniors**

Aung, S.  
 Borelli, R. F.  
 Brown, W. K., Jr.  
 Burnett, B. B.  
 Carlson, D. L.  
 Castronovo, J. J.  
 Devaisher, R. L.  
 Glover, S. F.  
 Guernsey, T. W.  
 Lwin, C.  
 Mantis, C.  
 Mitchell, H. A.  
 Moran, J. D.  
 Mordini, R. P.

Myint, A.  
 Pedersen, C. R.  
 Peterson, E. N.  
 Stuck, E. F.  
 Svoboda, J. Z.  
 Thein, M. T.  
 Ueda, H. T.  
 Uzgiris, S.  
 Westbrook, R.  
 Wiater, K. W.  
 Williams, J. G.  
 Wood, R.  
 Wu, T. T.

# Mechanical Engineering — TRIP 5

## WEDNESDAY, OCTOBER 23

- 7:00 A.M. Board bus on Mathews Street, west of the Mechanical Engineering Building.
- 12:30 P.M. Arrive at Shell Oil Company, Wood River, Illinois.
- 1:00 P.M. Lunch, courtesy of Shell Oil Company.
- 5:00 P.M. Check in at Statler Hotel, 822 Washington Street, St. Louis.

## THURSDAY, OCTOBER 24

- 8:15 A.M. Assemble in lobby of Statler Hotel.
- 8:30 A.M. Leave hotel by chartered bus.
- 9:00 A.M. Arrive at Monsanto Chemical Company, J. F. Queeny Plant, 1800 South Second St.
- 12:00 M. Lunch.
- 1:30 P.M. Arrive at White-Rodgers Electric Company, 1209 Cass Avenue.
- 5:00 P.M. Return to hotel.

## FRIDAY, OCTOBER 25

- 8:30 A.M. Check out of hotel and assemble in lobby.
- 8:45 A.M. Leave hotel by chartered bus.
- 9:30 A.M. Arrive at Anheuser-Busch Inc., 610 Pestalozzi Street.
- 12:30 P.M. Lunch, courtesy of Anheuser-Busch.
- 2:00 P.M. Leave Anheuser-Busch and proceed to Champaign-Urbana.
- 7:00 P.M. Arrive at Champaign-Urbana.

## Faculty

J. L. French

D. L. Mykkanen

## Seniors

Albright, J. R.  
Bloomquist, J. V.  
Bosecke, N. H.  
Burgess, R. G.  
Coons, R. R.  
Crandall, J. C.  
Dearborn, G. R.  
Fox, E. R.  
Hannon, J. E.

Heckler, F. W.  
Heitman, R. K.  
Heuck, E. J.  
Hosler, A. D.  
Johnson, E. R.  
Klecka, R. A.  
Kostal, R. J.  
McGrail, F. M.

Michalak, R. F.  
Moore, W. C.  
Murphy, E. J.  
Nelson, C. D.  
Odonnell, E. S.  
Olson, R. W.

Severance, J. A.  
Stasaitis, L. J.  
Urbutis, A. P.  
Voorhees, P. V.  
Whitman, C. E.  
Willoughby, W. C.

## **Mechanical Engineering — TRIP 6**

### **WEDNESDAY, OCTOBER 23**

- 7:00 A.M. Board bus on Mathews Street, west of the Mechanical Engineering Building.
- 12:30 P.M. Arrive at Shell Oil Company, Wood River, Illinois.
- 1:00 P.M. Lunch, courtesy of Shell Oil Company.
- 5:00 P.M. Check in at Statler Hotel, 822 Washington Street, St. Louis.

### **THURSDAY, OCTOBER 24**

- 8:00 A.M. Assemble in lobby of Statler Hotel.
- 8:15 A.M. Leave hotel by chartered bus.
- 8:45 A.M. Arrive at Nordberg Manufacturing Company, Busch-Sulzer Division, 3300 South Second Street.
- 11:45 A.M. Leave Nordberg Manufacturing Company.
- 12:30 P.M. Arrive at General Steel Castings Corporation.
- 1:00 P.M. Lunch, courtesy of General Steel Castings Corporation.
- 5:00 P.M. Return to hotel.

### **FRIDAY, OCTOBER 25**

- 7:15 A.M. Check out of hotel and assemble in lobby.
- 7:30 A.M. Leave hotel by chartered bus.
- 12:15 P.M. Arrive at Marvel-Schebler Products Division, Decatur, Illinois.
- 12:30 P.M. Lunch, courtesy of Marvel-Schebler.
- 4:30 P.M. Leave Marvel-Schebler and proceed to Champaign-Urbana.
- 6:00 P.M. Arrive at Champaign-Urbana.

### **Faculty**

S. R. Davis

D. G. Ryan

## Seniors

Barr, J. R.  
Bennett, R. W.  
Blase, W. W.  
Cannon, A. H.  
Childers, R. E.  
Cho, A. I. P.  
Crozier, C. E.  
Desmet, E. P.  
Fletcher, J. L.  
Gordus, A. A.  
Gresh, G. J.  
Healy, J. H.  
Heimann, C. J.  
Herda, D. R.  
Hryekewicz, B. W.  
Jimenez, J. C.  
Katz, F. J.  
Kirio, T.  
Koch, J. E.  
Koertge, E. A.

Klygis, M. J.  
Leong, K. N.  
Madland, R. A.  
Marshall, R. L.  
Middleton, J. N.  
Miller, T. M.  
Pajor, T. J., Jr.  
Parker, W. B.  
Parmelee, R. L.  
Peterlin, R. J.  
Piggott, R. G.  
Ploeger, G. A.  
Prange, B. H.  
Scopelite, T. M.  
Springer, W. E.  
Stellmach, A. T.  
Tromblee, M. C.  
Urzi, R. B.  
Williams, R. R.



# Metallurgical Engineering

## WEDNESDAY, OCTOBER 23

- 6:00 A.M. Leave by bus from the Metallurgy Laboratory in Urbana.
- 9:30 A.M. Tour the Argonne National Laboratory near Lemont, Illinois.
- 12:00 M. Lunch at the Argonne cafeteria.
- 1:00 P.M. Leave Argonne for McCook, Illinois.
- 1:30 P.M. Tour the Reynolds Metals Company plant.
- 5:00 P.M. Leave for the St. Clair Hotel, 162 Ohio Street, Chicago.

## THURSDAY, OCTOBER 24

- 7:00 A.M. Leave the hotel for Kenosha, Wisconsin.
- 9:00 A.M. Tour the American Brass Company plant.
- 12:15 P.M. Lunch as guests of the American Brass Company.
- 1:15 P.M. Leave Kenosha for North Chicago, Illinois.
- 2:00 P.M. Tour the plant of Fansteel Metallurgical Corporation.
- 5:00 P.M. Leave for the St. Clair Hotel.

## FRIDAY, OCTOBER 25

- Check out of the hotel and place baggage on bus.
- 7:30 A.M. Leave the hotel for Gary, Indiana.
- 9:00 A.M. Tour the Gary Works of U. S. Steel Corporation.
- 12:00 M. Lunch at the Gary Y.M.C.A.
- 1:30 P.M. Tour the Sheet and Tin Mill of U. S. Steel Corporation.
- 4:00 P.M. Leave Gary for Urbana.

## Faculty

E. J. Eckel

B. G. Ricketts

## Seniors

Beaman, D. R.  
Berg, R. L.  
George, F. A.  
Haimbaugh, R. E.  
Hanafee, J. E.  
Hayes, L. E.  
Hoover, C. E.  
Horak, E. M.

Horak, J. A.  
Hull, R. B.  
Janis, C. G.  
Johnson, K. A.  
Johnson, R. E.  
Kamber, K. T.  
Larson, R. C.

Legru, J. E.  
Lewis, A. I.  
Lindblad, N. R.  
Mackenzie, J. H.  
Pasley, D. H.  
Romani, D. C.  
Sandstrom, D. J.

# Mining Engineering

## TUESDAY, OCTOBER 22

- 6:00 A.M. Leave by car from the Ceramics Building in Urbana.
- 9:00 A.M. Visit the exploration and research laboratories of Pure Oil Company, Crystal Lake, Illinois.
- 1:30 P.M. Visit the refinery of Standard Oil Company at Whiting, Indiana.
- 8:00 P.M. Arrive at Champaign-Urbana for normal private lodging.

## WEDNESDAY, OCTOBER 23

- 8:00 A.M. Leave by car from Ceramics Building.
- 9:00 A.M. Visit old field facilities of Carter Oil Company at Loudon.
- 2:00 P.M. Visit Shell Oil Company's waterflooding project at Centralia, Illinois.
- 7:00 P.M. Arrive at the Neal Motel, Eldorado, Illinois.

## THURSDAY, OCTOBER 24

- 6:30 A.M. Leave the motel.
- 7:30 A.M. Visit the Alcoa Mine, Alcoa Mining Company, Rosiclare, Illinois.
- 11:00 A.M. Leave Rosiclare.
- 1:00 P.M. Visit Cooper pool production facilities, Continental Oil Company, Griffin, Indiana.
- 4:00 P.M. Visit the surface operations of the Sahara Coal Company, Harrisburg, Illinois.
- 8:00 P.M. Return to Neal Motel.

## FRIDAY, OCTOBER 25

- 7:00 A.M. Leave the motel.
- 8:00 A.M. Visit the underground coal mine at the Sahara Coal Company, Harrisburg, Illinois.
- 12:00 M. Leave Harrisburg.
- 1:30 P.M. Visit the Salem Water Flood Unit, Texas Company.
- 5:00 P.M. Leave Salem.
- 8:00 P.M. Arrive in Urbana-Champaign.

## **Faculty**

W. D. Rose

## **Graduate Students**

Mast, R. F.  
Landers, H.  
Safak, H.

Schleicher, A. R.  
Strauser, R. E.

## **Seniors**

Holloman, D.  
Nikias, P. A.

Van Maele, A. L.  
Wehrle, R. R.

## NOTES

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